

भारत का राजपत्र The Gazette of India.

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No. 19] NEW DELHI, SATURDAY, MAY 10, 1997 (VAISAKHA 20, 1919)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III-SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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PATENTS AND DESIGNS

Calcutta, the 10th May 1997

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Patent Office, (Head Office),
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Building, 5th, 6th & 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

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पेटेंट कार्यालय**एकत्र तथा अभिकल्प****कलकत्ता, दिनांक 10 मई 1997****पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार**

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जैन के आधार पर निम्न रूप में प्रसारित हैं :—

पेटेंट कार्यालय शाखा, टांड़ी इस्टेट,
तीसरा तल, लोवर परले (प.),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, वसन तथा दीव एवं
वावर और नगर द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
महाराष्ट्र बाजार भवन,
हरसवती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,

61, बालासाहू रोड,
मद्रास-600 002.

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
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तथा एमिनिस्वि वि द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवसंघ क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अर्पित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की जमावगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनावेश अथवा
बैंक आवेद या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
चैक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated
22-2-1997, Page 420, Column 1, Under heading "Cessation
of Patents".

Delete—Patent No. 172818.

In the Gazette of India, Part III, Section 2, dated
8-3-1997, Page 559, Column 2, Under heading "Cessation
of Patents".

Delete—Patent No. 174392.

In the Gazette of India, Part HI, Section 2, dated
4th April, 1997 to be notified on 3rd May. 1997.,

Delete—the Patent No. 176937.

(176/Bom/93) which was inadvertently sealed.

**APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD
CALCUTTA-20**

The dates shown in the crecent bracked are the dated
claimed under section 135, of the Patent Act; 1970.

13-3-1997

444/Cal/97. Hydro Aluminium Systems S.P.A., "A complex
of a section bar and of a sealing strip for door
and window frames and a sealing strip for a
section bar for door and window frames"; (Con-
vention No. MI96 A 000490 on 14-3-1996 in
Italy).

445/Cal/97. International Center for Electron Beam Tech-
nologies of E.O. Paton Electric Welding Institute,
"Method of producing on a substrate of protec-
tive coatings with chemical composition and
structure gradient across the thickness and with
top ceramic layer".

446/Cal/97. Siemens Aktiengesellschaft, "A method and
arrangement for transmitting system-specific data,
in a synchronous microprocessor system". (Con-
vention No. 19609883.1 oil 13r3-96 in Germany).

- 4477/Cal/97. Siemens Aktiengesellschaft "Subrack with plug-in modules which have centrable front plates". (Convention No. 29610693.3 on 18-6-96 in Germany?).
- 448/Cal/97. Siemens Aktiengesellschaft, "Steam turbine with turbine blade and use of the steam turbine". (Convention No. 19610134.4 on 14-3-96 in Germany).
- 449/Cal/97. PPG Industries, Inc., "Coating composition for plastic substrates and coated plastic articles". (Convention No. 08/622194 on 25-3-96 in USA).
- 45/Cal/97. PPG Industries, Inc., "Thermosettable primer and topcoat for plastics, a method for applying and coated plastic articles". (Convention No. 08/623446 on 28-3-96 in USA).
- 451/Cal/97. Molex Incorporated. "Electric connector assembly with improved retention characteristics". (Convention No. 85735/1996 on 14-3-96 in Japan 4 1005/1997 on 7-2-97 in Japan).
- 452/Cal/97. Engelhard Corporation, "Exhaust gas treatment system". (Convention No. 08/645,985 on 14-5-96 in USA).
- 453/Cal/97. Sankei Giken Kogyo Kabushiki Kaisya, "Flexible joint". (Convention No. P8-87548 on 15-3-96 in Japan).
- 454/Cal/97 Nitto Shoji, Ltd., "Draft-Roller for fibers and preparation thereof". (Convention No. 104,359 on 29-3-96 in Japan).
- 435/Gd/97. W.L. Gore & Associates GMBH., "Gasket with corrosion inhibitor". (Convention No. EP96103y32 on 13-4-96 in EPO).
- 456/Cal/97. Hanna Technology Limited, "Afi apparatus for making a textile article, with a design in a contrasting colour applied thereto". (Convention No. 240770 on 27-11-91 in New Zealand) (Divided out of Appln. No. 722/Cal/92 antedated to 7-10-1992).
- 457/Cal/97. (1) Prof. Dr. Rabindnf Nath Sen (2) Dr. Subir Das (3) Mr. Prabir Mukhopadhyay, "An ergonomic sickle for agricultural workers".
- 458/Cal/97. (1) Prof. Dr. Rabindra Nath Sen (2) Dr. Subir Das (3) Mr. Prabir Mukhopadhyay "An ergonomic leg-cover for agricultural workers and other people".
- 14-3-1997
- 459/Cal/97. Evergreen Solar, Inc., "Methods for forming wraparound electrical contacts on solar cells". (Convention No. 08/616,822 on 15-3-96 in USA).
- 460/Cal/97. The Johns Hopkins University, "integrated power source layered with all polymer rechargeable batteries, solar cells, RF charger, charge control and indicator". (Convention No. 08/632,969 on 16-4-1996 in USA).
- 461/Cal/97. Owens Corning, "Method of forming an insulation product". (Convention No. 08/618,874 on 20-3-96 in USA).
- 462/Cal/97. Owens Coming, "Method of insulating metal dect roof structures". (Convention No. 08/645,993 on 14-5-96 in USA).
- 463/Cal/97. Matsushita Electric Industrial Co. Ltd., "Reception automatic gain control system and method". (Convention No. 08/667,090 on 3-6-96 in USA).
- 464/Cal/97. Hoechst Aktiengesellschaft, "Substituted diphosphinea and a process for their preparation". (Convention No. 19619528.4 on 15-5-96 in Germany).
- 465/Cal/97. Hoechst Aktiengesellschaft. "Catalyst, systems baaed on rhodium complexes containing diphosphinc Uganda and their use in the preparation of aldehydes". (Convention No. 19619527.6 on 15-5-1996 in Germany),
- 17-3-97
- 466/Cal/97. Daewoo Electronics Co. Ltd., "Polygonal, approximation method and apparatus- for use in a contour encoding system". (Convention No. 97-1561 on 21-1-1997 in South Korea).
- 467/Cal/97. Inc Erich Pfeifler, GMBH, "Dispenser for media". (Convention No. 19610457.2 on 16th March'1996 in Germany).
- 468/Cal/97. Gas Research Institute, Inc., "Double loop liquid-liquid H2S removal process".
- 469/Cal/97. Daeyoung Packing Co. Ltd., "Double-Ply corrugated paperboard, and method of and apparatus for producing such". (Convention No. 96-54684 on 16-11-96 in Republic of Korea).
- 470/Cal/97. Daeyoung Packing Co. Ltd., "Method and apparatus for producing multi-ply corrugated paperboard". (Convention No. 96-54685- on 16-11-96 in Republic of Korea).
- 471/Cal/97. Petronas Research & Scientific Services Sdn. Bhd. & Romilly International Limited, "Protective caps for bolts with nuts". (Convention No. PI-9600989 on 18-3-96 in Malaysia).
- 472/Cal/97. Punya Brata Choudhuri, "Method and apparatus for pre-treatment of agricultural residues such as of jute and like plants for pulp". (Divided out of No. 914/Cal/1992 antedated to 1-9-1993).
- 473/Cal/97. Hoechst Aktiengesellschaft, "Process for the hydroformylation of olefinically unsaturated compounds". (Convention No. 19617257.8 on 30-4-96 in Germany).
- 474/Cal/97. Ethicon Inc., "Process for passivating surgical needles". (Convention No- 08/622,215 on 27-3-96 in USA).
- 475/Cal/97. Degussa Aktiengesellschaft, "Partially hydrophobic precipitated silicas". (Convention No. 19612501.4 on 29-3-96 in Germany).
- 476/Cal/97. Kai Tai Pipe Co. Ltd., "Connecting device for a tube".
- 477/Cal/97. Atotech Deutschland GMBH, "Process for producing inductively operating counting systems".
- 478/Cal/97. Stoller Enterprises, Inc., "Solubilization of boric acid".
- 18-3-1997
- 479/Cal/97. Siemens Aktiengesellschaft, & Siemens Solar GMBH, "Climate-And corrosion-resistaiit layer structure". (Convention No. 19611410.1 on 22-3-96 & 19707280.1 on 242-97 in Germany).
- 480/Cal/97. Siemens Aktiengesellschaft, "Circuit arrangement having a number of electronic circuit components". (Convention No. 19612440.9 on 28-3-96 in Germany).
- 481/Cal/97. Mary P. Schick, "Method for promoting hair, nail, and skin keratinization". (Convention No. 08/621,473 on 25-3-96 in USA).
- 482/Cal/97. George Fischer Disa -Engineering AG., "Method for exploitation (Utilisation) and de-pollution of residual substances accumulating in the cupola furnace".
- 483/Cal/97. Ethicon GMBH & CO. KG., "Areal implant". (Convention No. 19613730.6 26-3-96 in Germany).

484/Cal/97. Thomson Consumer Electronics, Inc., "Deflection circuit responsive to differential sawtooth signals". (Convention No. 630,032 on 9-4-96 in USA).

485/Cal/97. Stork Colorproofing B.V., "Method for fixing one or more dyes onto a substrate by employing steam".

486/Cal/97 FICO Cables S.A., "Adjusting device for control cable terminals". (Convention No. P 9601078 on 14-5-96 in Spain).

19-3-1997

487/Cal/97. Kone Oy, 'A fireproof trim for a landing door for a lift'. (Convention No. T096A000319 on 22-4-96 in Italy).

488/Cal/97. Mitutoyo Corporation, "Micrometer".

489/Cal/97. Siemens Aktiengesellschaft, "Hand-held controller for a programmable electronic control unit. (Convention No. 19613027.1 on 19-3-96 in Germany).

490/Cal/97. Israel Aircraft Industries Ltd., "A guidance system for air-to-air missiles".

491/Cal/97. Novibra GmbH. "A ring spinning or ring twisting machine". (Convention No. 19705872.8 on 15-2-97 in Germany).

492/Cal/97. E. I. Du Pont De Nemours and Company. "Catalyzed vapour phase hydrocyanation of diolefin compounds". (Convention No. 60/014,618 on 2-4-96 in U S A).

493/Cal/97. E. I. Du Pont De Nemours and Company. "Catalyzed vapor phase isomerization of non-conjugated 2-alkyl-3-monoalkenenitriles". (Convention No. 60/014,534 on 2-4-96 in USA).

494/Cal/97 Somnath Roy, "Control of environmental conditioned chambers for continuous fermenting of tea leaves".

495/Cal/97. Mrs. Bhramor Sinha and Mr. Aniruddha Sinha, "Device for generation, of electricity for usual purposes and for running of vehicles on earth, water and air surfaces".

4967Cal/97. Pranab Jyoti Ghosh, "Evaporation energy complex".

20-03-1997

497/Cal/97. Philips Electronics N. V., "Electrodeless low-pressure discharge lamp".

498/Cal/97. Daewoo Electronics Co. Ltd., "Video signal encoding system using a current frame prediction apparatus". (Convention No. 96-7968 and 96.7977 on 22-3-96 in South Korea).

499/Cal/97. Ani Mineral Processing. Inc., "Cone crusher oil seal". (Convention No. 60/013, 773 on 20-3-96 in U.S.A.).

500/Cal/97. 1. Asahi Glass Company Ltd.. 2. Glegg Water Conditioning Incorporated, "Method and apparatus for producing deionized water". (Convention No. 8-64783/2940026 on 21-3-96/7-2-97 in Japan).

501/Cal/97. Brooke Bond Lipton India Limited, "Process for the preparation of a food product".

502/Cal/97. Nalco Chemical Company, "Process for producing water soluble anionic dispersion polymers". (Convention No. 08/781,646 on 20-3-96 in U.S.A.).

503/Cal/97 Eli Lilly and Company, "Benzothiophenes, formulations containing same, and methods". (Convention No. 60/014,167 on 26-3-96 in USA & 9607110.5 on 4-4-96 in Great Britain).

504/Cal/97. Cytec Technology Corp., "Novel polymeric sulfide mineral depressants" (Convention No. 08/625,263 on 28-3-96 in U.S.A.).

505/Cal/97. (1.) Siemens Aktiengesellschaft(2) Oslo Lufthavn AS, "Airport guidance and control system, in particular an airport surface movement guidance and control system".

506/Cal/97. Siemens Aktiengesellschaft, "Safety device for mechanically /motively moved appliances operating with linkages and/or rope lines .

21-03-1997

507/Cal/97. American Home Products Corporation, "Method for making extended release drug formulation and film coating therefor". (Convention No. 60/014,006 on 25-3-96 in U.S.A.).

508/Cal/97. Giesecke & Devrient GmbH, "A data carrier with an optically variable element". (Convention No. 19611383,0 on 22-3-96 in Germany).

509/Cal/97. Dipak Kumar Nandy, "Candle Stove".

510/Cal/97. Nalco Chemical Company, "A process to manufacture stabilized alkali or alkaline earth material hypobromite and uses thereof in water treatments to control microbio fouling". (Convention No. 08/620,978 on 22-3-96 & 08/778,598 on in USA).

511/Cal/97. X Tractec Limited, "An improved method for the extraction".

512/Cal/97. Ortho-Clinical Diagnostics K. K., "Blood trans-ILMion test analyzing system and method for analyzing blood transfusion test". (Convention No. 104110/96 on 29-3-96 in Japan).

513/Cal/97. Siemens Aktiengesellschaft, "Apparatus for measuring an electric current in a conductor through which current flows". (Convention No. 19605606.5 on 26-3-96 in Germany).

514/Cal/97. Siemens Aktiengesellschaft, "Method for personal identification". (Convention No. 19614220.2 on 10-4-96 in Germany).

515/Cal/97. Siemens Aktiengesellschaft,, "Mouolithic multi-layer piezoelectric actuator and production process". (Convention No. 19615695.5 on 19-4-96 in Germany).

516/Cal/97. Siemens Aktiengesellschaft, "Monolithic multi-layer piezoelectric actuator and production process". (Convention No. 19615694.7 on 19-4-96 in Germany).

517/Cal/97. Trico Products Corporation, "Improvements relating to wiper heads". (Convention No. 9606148.6 on 23-3-96 in U. K.).

518/Cal/97. Phillips Petroleum Company, "Aromatics and/or heavies removal from a methane-based feed by condensation and stripping". (Convention No. 08/621923 on 26-3-96 & 08/659732 on 7-6-96 in USA),

519/Cal/97. Metallgesellschaft Aktiengesellschaft,, "A process for the direct reduction of iron oxide, containing materials with solid carbonaceous reducing agents".

25-03-1997

520/Cal/97. Philips Electronics N. V., 'Improvements in or relating to radio receivers".

521/Cal/97. Hudson Products Corporation, "Steam condensing apparatus with freeze protected vent condenser". (Convention No. 08/585,342 on 10-4-96 in U.S.A.).

522/Cal/97. (1) Ishikawajima-Harima Heavy Industries Company Limited, (2) BHP Steel (JLA) Pty. Ltd. "A method of casting steel strip . (Convention No. PN9376 on 19-4-96 in Australia).

523/Cal/97. Arco Chemical Technology, L. P., "Cement additives and process for preparing the same". (Convention No. 08/621,669 on 26-3-96 & 08/762,581 on 10-12-96 in U.S.A.).

524/Cal/97. (1) Prof, Dr Rabindra Nath Sen (2) Dr. Subir Das. "A new, ergonomic welding screen for manual metal Arc (MMA) welders".

- 525/Cal/97. (1) Nalco/Exxon Energy Chemicals, L. P., (2) Nalco Chemical Company, "Method to monitor & control chemical treatment of petroleum, Petrochemical & process with on-line quartz crystal microbalance sensors". (Convention No. 08/621,402 on 25-3-96 in U.S.A.).
- 526/Cal/97. George Fischer Rohrleitungssysteme AG, "Device for welding molded parts".
- 527/Cal/97. Kabushiki Kaisha Toshiba, "Magnetoresistance effect element". (Convention No. 8-073404 on 28-3-96 & 8-109067 on 30-4-96 in Japan).
- 528/Cal/97. Asahi Kasei Kogyo Kabushiki Kaisha, "Method for prevention and treatment of viral infectious diseases". (Convention No. 8-88233 on 10-4-96 in Japan).
- 529/Cal/97. E. I. Du Pont De Nemours and Company, "Improved apparatus and process for a polycondensation reaction". (Convention No. 08/625,571 on 28-3-96 & 08/771,494 on 23-12-96 in USA).
- 530/Cal/97. Sangstat Medical Corporation, "Cyclosporin a formulations as nanoparticles". (Convention No. 08/622,516 on 25-3-96 in USA).

26-03-1997

- 531/Cal/97. Daewoo Electronics Co. Ltd., "Water dispenser of the Refrigerator". (Convention No. 96-16496 on 16-5-96 in Korea).
- 532/Cal/97. Philips Electronics N. V., "Telecommunications system, mobile telephone terminal and internal identification method of such a terminal". (Convention No. 9603825 on 27-0-96 in France).
- 533/Cal/97. Kwahak International Co. Ltd., "Artificial insemination and embryo transfer device". Divided out of No. 411/Cal/94; dated 1-6-94).
- 534/Cal/97. Cytec Technology Corp., "Method of making polymers containing hydroxamate functional groups". (Convention No. 08/626,297 on 1-4-96 in U.S.A.).
- 535/Cal/97. ABB Air Preheater, Inc., "Radial seal for air preheaters". (Convention No. 625,559 on 1-4-96 in U.S.A.).
- 536/Cal/97. Symmetricom, Inc., "Radio communication apparatus". (Convention No. 9606593.3 on 29-3-96 & 9615917.3 on 30-7-96 in U.K.).
- 537/Cal/97. PPG Industries, Inc., "Photochromic naphthopyran compositions of neutral color". (Convention No. 08/626220 on 29-3-96 in U.S.A.).
- 538/Cal/97. Siemens Aktiengesellschaft, "Semiconductor storage device". (Convention No. 19612439.5 on 28-3-96 in Germany).
- 539/Cal/97. Siemens Aktiengesellschaft, "Circuit arrangement having a test circuit". (Convention No. 19612441.7 on 28-3-96 in Germany).
- 540/Cal/97. Siemens Aktiengesellschaft, "Circuit arrangement for supplying an electric loading circuit". (Convention No. 19612443.3 on 28-3-96 in Germany).
- 541/Cal/97. Siemens Aktiengesellschaft, "Protective assembly for a distribution frame in a telecommunications system". (Convention No. 19612447.6 on 28-3-96 in Germany).
- 542/Cal/97. Siemens Aktiengesellschaft, "Semiconductor storage device". (Convention No. 19612456.5 on 28-3-96 in Germany).
- 543/Cal/97. Bioprogress Technology Ltd., "Improvements in or relating to encapsulation". (Convention No. 9606371.4, on 26-3-96 in United Kingdom).
- 544/Cal/97- Sparco, Inc., "Method for coating spark plugs". (Convention No. 08/624,139 on 29-3-96 in U.S.A.).

- 545/Cal/97. EMS-Inventa - AG., "Static flow rearranging means and device for pipes containing a laminar flow". (Convention No. 19612740.8 on 29-3-96 & 19710354.5 on 13-3-97 in Germany).

APPLICATION FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATES, IIIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W), MUMBAI-13.

1-10-1996

- 484/Bom/96. Mr. Shivaji Maruti Degaonkar. Hydrogen gas generator-cum-hydrogen gas burner.
- 485/Bom/96. Cipla Limited. An improved device for administering orally or nasally the powdered or volatile composition by inhalation.
- 486/Bom/96. Klenzaid: Bioclean Devices (P) Limited. A gasket for high efficiency paniculate air filtration system) for high temperature applications.

3-10-1996

- 487/Bom/96. Gareware-Wall Ropes Limited. Improved geonets and geoboxes for roads and earth structures.
- 488/Bom/96. Jaiprakash. Anant Sathe. An improved roof to catwalk.
- 489/Bom/96. United Metachem Pvt. Ltd. Flame Retardant polystyrene Boards, insulating materials, packing materials and process to make the same with the help of melmine and/or its derivatives.
- 490/Bom/96. M/s. J. B. Chemicals & Pharmaceuticals Limited. An improved process for the manufacture of the extract obtained from ayurvedic medicinal plant viz. ARJUNA.
- 491/Bom/96. M/s. J. B. Chemicals & Pharmaceuticals Limited. An improved process for the manufacture of the extract obtained from ayurvedic medicinal plant viz. KANTAKARI.
- 492/Bom/96. M/s. J. B. Chemicals & Pharmaceuticals Limited. An improved process for the manufacture of the extract obtained from ayurvedic medicinal plant viz. VIBHITAKI.

4-10-1996

- 493/Bom/96. Arun Hari Kulkarni. An improvement in the water-sealing cum-quenching-tank for pre-annealer for making copper round enamelled wire and the like.
- 494/Bom/96. Bhavnagar University. A damping device.
- 495/Bom/96. Bipin Kumar Narandas Rathod & Kouriben. Narandas Rathod. A slider for furniture drawers and drawers having the slider*.

7-10-1996

- 496/Bom/96. M/s. Four Eyes Research (P) Ltd. Use of flotation technique for separate processing of low purity juices in white sugar manufacture.
- 497/Bom/96. Gerhard Burger. Germany priority date 9-10-95; Process and apparatus for producing mineral fibres.

8-10-1996

- 498/Bom/96. Dr. Pravin Hukumchand Chordia. Improved solar heat collector.

9-10-1996

499/Bom/96. Lupin Laboratories limited. A process for producing an antitubercular pharmaceutical composition.

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501/Bom/96. Hindustan Lever Limited, U.S.A. priority dt. 1-3-10-95. Cleansing compositions with dendrimers as mildness agents.

10-10-1996

502/Bom/96. International Discount Telecommunications Inc. U.S.A. priority dt. 13-10-95. Method and apparatus for transmitting and routing voice telephone calls over a packet switched computer network.

503/Bom/96. Citurgia Biochemicals Ltd. A recirculating carbonation process for the manufacture of precipitated calcium carbonate and a recirculating carbonation device therefor.

504/Bom/96. Citurgia Biochemicals Ltd. A catalytic carbonation process for the manufacture of precipitated calcium carbonate of improved thioxotrophic

11-10-1996

505/Bom/96. Kunhikannan Chalil. Hydro-Electrolytic generator.

506/Bom/96. Indian Oil Corporation Ltd. A fluidized catalytic cracking process and apparatus.

507/Bom/96. Shri Devesh A. Kulkarni. Auto wheel opener and improvement in a spanner for opening and tightening the nut/bolts of the car wheels.

14-10-1996

509/Bom/96. Gubo Adalbert. Device/process for filling preservation of document in archives.

15-10-1996

509/Bom/96. Dr. Shridhar Hard Godbole. A process and plant for treating the industrial fluid waste to render the same devoid of any colouring matter.

510/Bom/96. Pratap Shankar Patil. Improvements in or relating to a rotary pump.

511/Bom/96. Pravin Premprakash Khanna & Anil Chandraprakash Khanna. An improved composition and process for making soap cakes with high moisture contents.

16-10-1996

512/Bom/96. Hindustan Lever. Ltd. Composition.

17-10-1996

513/Bom/96. Hawkins Cookers Ltd. A process for producing a non-stick cookware.

18-10-1996

314/Bom/96. Metal Containers. Pilfer proof drum.

22-10-1996

515/Bom/96. Dr. B. P. Tamrakar. Treatment of metal poisoning/viral infection/anemic condition/inflammation and dolled healing ulcer of fracture by herba-heamo herb 96 (H-H 90).

516/Bom/96. Dr. Waman Dattatraya Patwardhan & Shrikant Waman Patwardhan. Improvement in or relating to devices assisting cold starting of diesel engines.

517/Bom/96. Perfact Engineering Corporation. Web Guide Cover.

24-10-1996

518/Bom/96. Hawkins Cookers Ltd. A roti pan for preparation of food from a dough.

25-10-1996

519/Bom/96. The Automotive Research Association of India. A process of chassis dynamometer design using two separate power units for absorption and generation controlled through electronic controller for testing of automotive vehicles.

520/Bom/96. Howkins Cookers Ltd.. An air ventile.

28-10-1996

521/Bom/96. ZMS, LLC. U.S.A. priority dt. 27-10-95. Conductive composite articles based on expandable and contractible particulate matrices.

29-10-1996

522/Bom/96. Prakash Hirabhai Khatiwala. Improved process for the preparing of 3, 4, 4-tricWlorocarbani-lide.

523/Bom/96. Hindustan Lever Ltd. Detergent composition.

30-10-1996

524/Bom/96. Yeshwant Prataprao Kalekar. Improved multimode trumpet valve for trocar and cannula.

525/Bom/96. Yoshiaki Takashashi. Permanent magnet.

526/Bom/96. Yoshiaki Tokashashi. Power generating electric motor.

527/Bom/96. Tudor India Ltd. Lead Acid Automotive battery,

31-10-1996

528/Bom/96. Dr. Dilip Ramchandra Ranade & Others. Developing a two stage anaerobic treatment for sugarcane molasses distillery waste wherein the loading rate of 19 to 23 kg COD per cubic meter per day. is possible.

COMPLETE SPECIFICATION 'ACCEPTED

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

स्पाइन (चित्र आरेखों) की फोटों प्रतियां यदि कोई हो, के साथ विनिर्देशों की संकलित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 72 B

178521

Int. CL⁴ : C 06 B 25/00, 31/00, 41/00.

A STORAGE STABLE WATER-IN-OIL EMULSION EXPLOSIVE COMPOSITION.

Applicant : ICI INDIA LTD., OF TCI HOUSE, 34 CHOWRINGHEE ROAD CALCUTTA-700071, WEST BENGAL, INDIA.

Inventors : (1) KRISHNASWAMI SRINIVASAN
(2) PUSHPITO KUMAR GHOSH
(3) RAMA SUBRAMANTA IYER
(4) VAIKYPARAMBIL KRISHNAN RAVINDRAN.

Application No: 373/Cal/92 filed on 29th May, 1992.

(Complete Specification left after provisional on 23rd June, 1993).

Appropriate Office for Opposition Proceedings (Rule Patents Rule, 1972) Patent Office, Calcutta.

9 Claims

A storage stable water-in-oil emulsion explosive composition which comprises a discontinuous aqueous inorganic oxidiser phase comprising :

from 5% to 80% by weight inorganic oxidiser salts, and from 10% to 40% by weight water,

a continuous water-immiscible liquid organic fuel phase comprising from 2% to 10% by weight of one or more organic fuels such as herein described, and

from 0.1% to 4% by weight of at least one emulsifier comprising the condensation product of the reaction of rice bran pitch and one or more of a NH or -OH group-containing compound such as herein described; and

the balance, if any, comprising one or more convention emulsifying agents, oil compatible additives and/or one or more conventional detonation sensitivity enhancers.

Compl. Specn. 14 pages;

Drgns.

Nil.

Provl. Specn. 13 pages;

Drgns. Nil.

Cl. : 127 C D

178522,

Int. Cl⁴ : F 16 H 5/00, 5/42, 5/44.

AN AUTOMATIC TRANSMISSION DEVICE OF DIFFERENT SPEED RATIO DIFFERENTIAL NON HARMONIUS CROSS COUPLING WHEEL TRAIN.

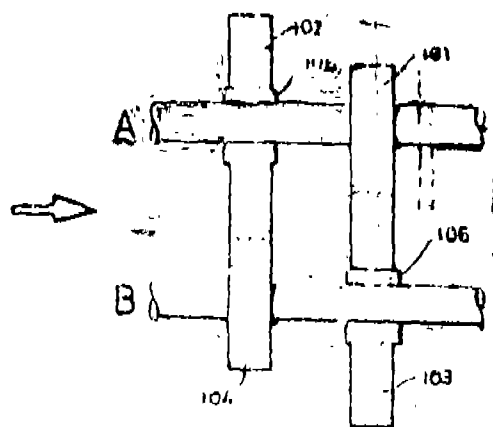
Applicant & Inventor : TAI-HER YANG, OF 6F-5 NO. 250, SEC. 4 CHUNOHSIAO E. RD, TAIPEI, TAIWAN, REPUBLIC OF CHINA.

Application No. 468/Cal/92 filed on 2nd July, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

5 Claims

An automatic transmission comprising a first axle (A) having first and second drive wheel means (101, 101) mounted thereon, the second drive wheel means (102) being coupled to a torsion coupling (106) which restricts the transmitted torque to a rated torque and enables idle running when the rated torque is exceeded; a second axle (B) having third and fourth drive wheel means (103, 104) mounted thereon with the third drive wheel means (103) rotatably coupled to the first drive wheel means (101) and the fourth drive wheel mean (104) rotatably coupled to the second drive wheel means (102), the first (101) and fourth drive wheel means (104) are fixed on their respective shafts to rotate therewith, the speed ratio of the second drive wheel means to the fourth drive wheel means being different from the speed ratio of the first drive wheel means to the third drive wheel means and the third drive wheel means being coupled to a single direction device (105) which enables drive to be transmitted between the first and second axles in one direction of rotation only, whereby drive is transmitted between the second and fourth drive wheel means (102, 104), until a load causes the rated torque of the torsion coupling to be exceeded when drive is transmitted between the first and third drive wheel means, so as to enable drive to be transmitted between, the first and second axles in both the forward and reserve directions of rotation.



Compl. Specn. 14 pages,

Drgns. 4 sheets.

Cl. 85 C.G 178523

Int Cl⁴ F 24. H.9/12, 3/04.

A CIRCULATING FLUIDIZED BED BOILER

Applicant :-THE BABCOCK & WILCOX COMPANY, OF
1010 COMMON STREET, NEW ORLEANS, LA 70160
UNITED STATES OF AMERICA.

Inventor : MARK. EDWARD PERUSKI.

Application No. 480/Cal/92 filed on 7th July, 92.

Appropriate Office for Opposition Proceedings (Rule -1,
Paents Rule, 1972) Patent Office, Calcutta.

10 Claims

A circulating fluidized bed boiler having a primary zone (42), with a fuel feed point (68) for fluidized bed material, and a furnace zone (48) above the primary zone (42), the boiler (50) comprising :

a mixture chamber (54) having a first inlet for receiving solid fuel, a second inlet for receiving recycled fluidized bed solids, and an outlet connected to the fuel feed point (68),

fuel feed means (56) connected to the first inlet of the mixing chamber for feeding solid fuel to the mixing chamber (54);

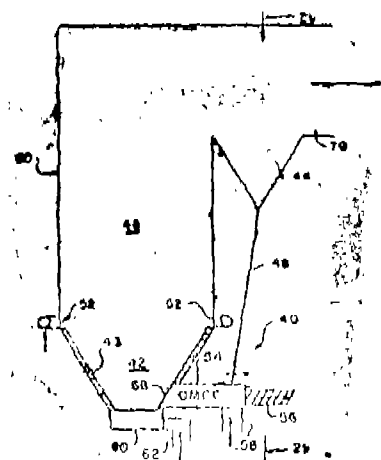
first combustion air supply means (60) connected to the primary zone (42) of the boiler (50) for supplying a portion of the total combustion air needed for combustion to the primary zone (42);

second combustion air supply means (58) for supplying another portion of the total combustion air needed for com-

a particle separator (44) above the furnace zone (48) with a return line (46) connected between the particle separator (44) and the second inlet of the mixing chamber (54) for returning solid particles to the mixing chamber (54) to form the recycled fluidized bed solids; characterised in that;

the mixing chamber (54) is in the form of a horizontally extending cylinder with the first inlet being at an axial end of the mixing chamber (54) opposite from the fuel feed point (68) the second inlet being connected for tangential feed into the mixing chamber (54) at a location near the first inlet and spaced from the fuel feed point (68); and

the second combustion air supply means (58) is connected for tangential feed into the mixing chamber (54) at a location near the first inlet and spaced from the fuel feed point (68) for facilitating mixing between the combustion air, the recycled fluidized bed solids and the solid fuel in the mixing chamber (54) which resulting mixture is supplied through the mixing chamber outlet to the primary zone (42) of the boiler (50).



Compl. Specn.17

pages;

Drgns.

6 sheets.

Cl. : 39 E

178524.

Int, Cl⁴ : C 08 F 4/52

PROCESS FOR PRODUCING A SOLID COMPONENT OF CATALYST FOR THE (CO) POLYMERIZATION OF ETHYLENE.

Applicant ; E.C.P. ENICHEM POLIMERI S.R.L., OF
PIAZZA DELLA REPUBBLICA, 16, MILAN, ITALY.

Inventors : (1) LUCIANO LUCIANI

(2) FEDERICO MILANI

(3) RENZO INVERNIZZI

(4) MADDALENA PONDRELLI.

Application No. 485/Cal/92 filed on 8th July, 92.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rule, 1972) Patent Office, Calcutta.

10 Claims

Process for producing a solid component of catalyst for the (co) polymerization of ethylene, composed of a silica used as a catalyst support in small particles (50—90% by weight) and a catalytically active part, such as herein described, (50-10% by weight) containing titanium, magnesium, chlorine, aluminium and alkoxy groups. comprising the steps :

- (i) activating the silica used as a catalyst support by contact with a solution of magnesium dialkyl, or magnesium alkyl chloride, such as herein described, in a liquid aliphatic hydrocarbon solvent, such as herein described, at a temperature ranging from 40 to 100°C for a period of 0.5 to 2 hours;
- (ii) impregnating the & silica thus activated with a solution, in a liquid aliphatic or aromatic ester, such as herein described, of magnesium chloride and titanium- tetrachloride and titanium tetra-alkoxide, operating with equimolecular, or almost equimolecular quantities of titanium tetrachloride and titanium tetra-alkoxide and with a molar ratio, between the magnesium chloride and the titanium compounds, of 1 to 10, at a temperature ranging from 50 to 100°C and for a period from 0.5 to 2 hours;
- (iii) treating the impregnated silica by contact with aluminium alkyl sesquichloride, operating with a molar ratio between the titanium compounds and the aluminium alkyl sesquichloride of 0.9 : 1 to 1.9 : 1. at a temperature from 10 to 100°C and for a period of 10 minutes to 24 hours; and
- (iv) recovering the solid component of catalyst from the reaction products of step (iii) in a known method, such as herein described.

Compl Specn. 20 pages;

Drgn. 1 sheets

Cl. : 64 B 3

178525

Int. Cl⁴ : H 01 R 09/24.

TERMINAL BANK FOR THE TELECOMMUNICATION AND DATA TECHNOLOGY.

Applicant : KRONE AKTIENGESSELLSCHAFT. OF
BEESKOWDAMM 3-11..D-1000 BERLIN 37, WEAT-GER-
MANY.

Inventors : (1) DIETER GERKE

(2) MANFRED MULLER

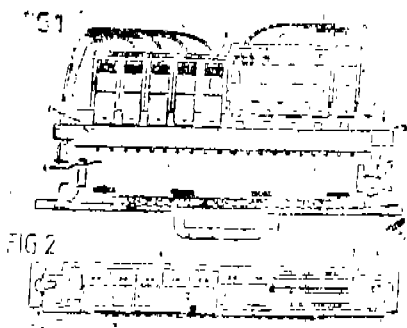
(3) HARALD BULOW.

Application No. 529/Cal/92 .filed on 23rd July, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

8 Claims

A terminal bank for the telecommunication and data transmission comprising a cable connecting member provided with cutting and clamping contact elements for the termination of incoming cable cores, and a terminating element to be latched thereonto for the connection of the incoming cable cores with the outgoing cable cores, the cutting and clamping contact elements of the cable connecting member comprising contact lugs, onto which bifurcated contacts of the terminating element can be plugged, characterised in that the terminating element is adapted as a plug connector receiving portion (2) with chambers (23) being open towards bottom, and with plug connectors (6) insertable therein and connected with the outgoing cable cores (37), and that the bifurcated contact (9) are provided at the plug connectors (6).



Compl. Specn. 9 Pages; Drgns. 3 sheets.

Cl. : 172 C 4 178526
Int Cl.⁴ : B 65 H 75/50, 75/16
D 01 H 5/02.

AN IMPROVED METHOD OF PRODUCING JUTE SILVER AND AN APPARATUS THEREFOR.

Applicant : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION, OF 17 TARATALA ROAD, CALCUTTA-700 088, WEST BENGAL, INDIA.

Inventors : (1) ASOK KUMAR BASU
(2) SEKHAR MITRA.

Application No. 709/Cal/1992 filed on 29th September, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

4 Claims

An improved method of producing jute sliver wherein the improvement comprising the steps of feeding the lead end (L) of the silver from the first drawing machine (D₁) to the second drawing machine (D₂) and thereafter feeding the lead end of the silver from the second drawing machine (D₂) to the third or finisher drawing machine (D₃).

Compl. Specn. 17 pages; Drgns. 2 sheets.

Cl. : 195 C D 178527
Int. Cl.⁴ : F 16 K 1/22.

VALVE DISC AND DRIVE SHAFT ASSEMBLY AND METHOD FOR MANUFACTURING THE SAME.

Applicant : BTR PLC. OF SILVERTOWN HOUSE, VINCENT SQUARE, LONDON SW1P 2PL, ENGLAND.

Inventors: (1) MICHAEL PATRICK MORRIS
(2) PHILIP JOHN HASELEY.

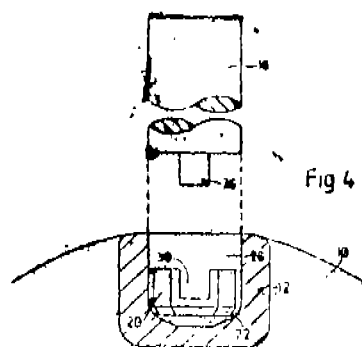
Application No. 14/Cal/93 filed on 8th January, 93

(Convention No. 9200339.1 on 8th January, 1992 in Great Britain),

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

16 Claims

A valve disc and drive shaft assembly comprising a disc (10) formed with a blind bore (26) of circular cross-section in the upper socket (12) of the valve disc (10) and extending radially inwardly from the disc periphery (44), characterized in that a member (20) with a regular polygonal cross-section outer surface, having a plurality of sides (75) and edges (70) and having a non-circular aperture (30) for receiving a correspondingly shaped projection (36) on the end of the shaft (16), is non-rotatably located within the bore (26), the construction and arrangement being such that a torque applied to the shaft (16) is transmitted to the member (22) and thence to the disc (10).



Compl. Specn. 17 pages; Drgns. 4 sheets.

Cl. : 40 B 178528
Int. Cl.⁴ : C 08 F 4/76.

PROCESS FOR THE GASPHASE POLYMERISATION OF OLEFINS.

Applicant : MONTELL TECHNOLOGY COMPANY, OF HOEKSTEEN 666, 2132 MS HOOFFDORP, THE NETHERLANDS.

Inventors : (1) MASSIMO COVEZZI
(2) PAOLO GALLI
(3) GABRIELE GOVONI
(4) ROBERTO RINALDI.

Application No. 137/Cal/93 filed on 10th March, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

13 Claims

A continuous process for the gas phase polymerization of ethylene and its mixtures with α -olefins $\text{CH}_2=\text{CHR}$, where R is an alkyl, cycloalkyl or aryl radical having 1-17 carbon atoms comprising the following steps :-

- (a) containing the catalyst components : (a) a Ti compound containing at least one Ti-halogen bond supported on an active Mg-dihalide; and (B) an Al alkyl compound in the presence of polymerizable

olefin in an amount comprised between 0 and 20 g per g of the said solid catalyst component (A);

- (b) prepolymerizing, with the catalyst formed in step (a), ethylene or ethylene mixtures with one or more α -olefin(s) forming polymer, containing upto 20% by mol of said α -olefin, to form a polymer in an amount comprised between 30 and 1000g/g of the said solid catalyst components
- (c) polymerizing ethylene or ethylene mixtures with α -olefins $\text{CH}_2=\text{CHR}$ in the gas phase in one or more reactors having a fluidized or mechanically stirred bed using the prepolymer-catalyst system obtained in step (b), and circulating through the reactors an alkane such as herein described, having from 3 to 5 carbon atoms, the molar concentration of the alkane being from 20 to 90% with respect to the total gases; the said steps (a), (b) and (c) being carried out under reaction conditions, such as herein described.

Comp. Specn. 27 pages; Drng. 1 sheet,

Cl. : 141 D 178529

Int. Cl.⁴ : B 03 C 1/00.

PROCESS FOR THE RECOVERY OF MAGNETIC FRACTION FROM BLAST FURNACE FLUE DUST CGP SLUDGE.

Applicant: THE TATA IRON & STEEL CO. LTD., OF BOMBAY HOUSE, "4 HOMI MODY STREET, BOMBAY-100 001 MAHARASHTRA. INDIA-

Inventors: (1) DR. AMIT CHATTERJEE
(2) MR. VENKATA GOPALA KRISHNA MURTY
(3) MRS. SRIPRIYA RAJENDRAN
(4) MR. PASUPULETI VENKATA TAYAR RAO
(5) THE TATA IRON & STEEL CO. LTD.

Application No. 160/Cal/93 filed on 17th March, 93.

(Complete specification left after provisional on 16-03-1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

6 Claims

A process for the recovery of magnetic fraction from blast furnace flue dust/gas cleaning plant sludge comprising the process steps of (i) the flue dust/sludge subjected to wet stage magnetic separator carried out in presence of water at 500—800 gauss in a low intensity magnetic separator to separate the magnetic and non-magnetic fractions (ii) the said magnetic fraction is then dewatered to obtain a product having moisture content of 10%—15% to the final product, (iii) the said magnetic fraction is then subjected to a wet grinding process in a ball mill in order to connect at least 95% of the particles to below 44 microns, (iv) the said ground and dewatering fractions are subjected again to a step of second stage of magnetic separation, at 500—800 gauss to further separate therefrom the magnetic fractions and non-magnetic fractions followed by dewatering of the separated magnetic fractions.

Compl. Specn. 12 pages; Drgn. Nil.

Provl. Specn. 6, pages; Drgn. Nil.

Cl. : 172- C. I 178530

Int. Cl.⁴ : D 01 G 15/02.

MODIFIED JUTE FINISHER CARD MACHINE FOR DOUBLE PRODUCTIVITY OUT OF EXISTING ONE,

Applicant : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION, OF 17 TARATOLLA ROAD, CALCUTTA-700 08B, WEST BENGAL INDIA,

Inventors : (1) RANJAN KUMAR.MUKHERJEE
(2) UTPAL KUMAR BANDYOPADHYAY
(3) DEBANJAN SUR,

Application No. 470/Cal/93 filed on 16th August, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

2 Claims

1. A modified jute finisher card machine to achieve increased productivity of two times consisting of a feed side (A'), main carding zone (B') and delivery side (C) comprises :

- (i) two smaller row of identical machines (Unit I and Unit II) each being half of the existing machine in width, obtained by geometrically deviding the existing machine into two halves along its vertical centre line in a vertical plane perpendicular in respect of the front side of the machine with fabricated additional extended arboure in the rollers;
- (ii) a modified carding zone (B') In the finisher card machine without having any carding pins of about 4" width along the middle portion In the existing cylinders (3) and provided with card pins (9) of comparatively longer length with increased number of pins per square inch of surface area of the said cylinders;
- (iii) two identical trough like conductors (6', 6') in the delivery zone (C') of the carding machine, the width of the new conductors being of half the width of the conventional one and arranging them side by side;
- (iv) the roll formers(7, 7) installed below the said two conductors, the roll formers being of conventional type;
- (v) two delivery pressing rolls (5, 5) of conventional typo installed along the roll formers (7, 7);
- (vi) two sew separate motors fixed for the two modeled machines of (i) above after disengagement of the existing single AC motor;
- (vii) an automatic sliver grist controller provided along with sensor in the delivery roller with each newly installed motor for the above modified feed system for controlling the weight variation of outcoming Jute silvers to the desired level by controlling the quantity of flow of coarse jute sliver through the feed system,

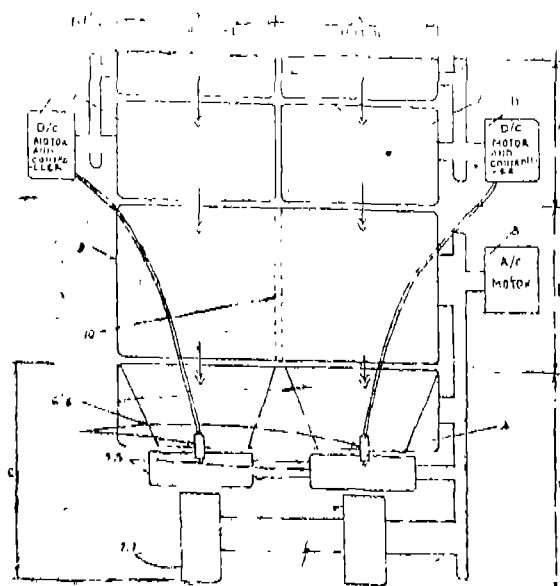


FIG. 4

Ind. Cl. : 32-C [IX(1)], 55-F [XIX(1)] 178531
Int. Cl.⁴ : C-12-N 1/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF AMEBOCYTE LYSATE FROM BLOOD OBTAINED FROM CARCINOSCORPIUS ROTUNDACAUDA (INDIAN HORSE SHOE CRAB) USEFUL FOR THE DETECTION OF PYROGEN IN VITRO.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : RANJAN BHADRA,
RABINDRA ROY and
SUJATA BASU SARBADHIKARI.

Application for Patent No. : 548/Del/88 filed on 28-06-88.
(Complete Specification left on 22-09-89.)

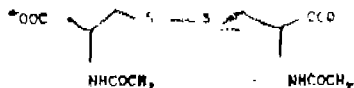
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

An improved process for the preparation of amebocyte lysate from blood obtained from *carcinoscorpius rotundacauda* (Indian horse shoe crab) useful for the detection of pyrogen in vitro which comprises, collecting the hemolymph from the blood obtained, from *Carcinoscorpius rotundacauda* in sodium chloride solution containing an anticoagulating agent, separating the amebocyte cells by allowing it to settle down, washing the separated amebocyte cells with sodium chloride solution, centrifuging at a temperature of 4°C, the PH being maintained between 6.8 to 8.5, lysing the resultant centrifuged amebocyte cells with pyrogen free water to get lysate and keeping the lysate overnight.

(Provisional specification 7 pages),

(Complete specification 8 pages).



wherein R⁺ and R²⁺ is the cation of an organic base selected from the group comprising lysine, ethylenediamine, N, N'-dibenzylethylenediamine, adamantanamine, N-benzyl-2-phenylethylamine or piperazine comprising treating DINAC will said organic base or a salt containing these cations of the organic base, reactants being dissolved or dispersed to a solvent selected from the group comprising alcohols, glycols, ketones, amides, sulphoxides or other polar solvents, or mixtures thereof and isolating the salt which may optionally be in hydrated or solvated form.

(Complete Specification 22 pages; Drawing Sheets Nil).

Ind. Cl. : 32F(1) 178533

Int. Cl.⁴ : C07C, 39/30.

AN IMPROVED PROCESS FOR THE PREPARATION OF DICHLOROPHENOL FROM DICHLORO BENZENE OR TRICHLOROBENZENE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA.

Inventors: AKMAL PASHA,
KRISHNAMURTHY VISWESWARIAH,
SUVENDU KUMAR MAIUMDER,

Application for Patent No. 1097/Del/92 filed on date 23-11-92.

Ind. Cl. : 32 F (2C), 32 C 178532

Int. Cl.⁴ : C07 C, 149/247.

"A PROCESS FOR PREPARING A NOVEL SALT OF AN ORGANIC BASE AND N, N DIACEIYL CYSTINE".

Applicant : AKTIEBOLAGET ASTRA, OF S-151 85 SODERTALJE, SWEDEN.

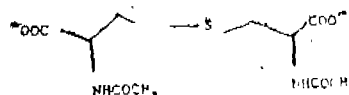
Inventors : (1) CARL-MAGNUS ANDERSSON
(2) HAKAN BERGSTRAND
(3) EDIB JAKUPOVIC
(4) BO-GORAN JOSEFSSON
(5) MAGNUS LINDVALL
(6) BENGT SARNSTRAND
(7) ERIC TENEBERG.

Application for Patent No. : 1058/Del/92 filed on 16-11-1992.

Appropriate Office of Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A process for preparing a novel salt of an organic base and N,N'-diocetyl cystine in its individual isomeric D-, L- and meso- forms or racemic forms (DINAc) with the general formula :



Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An improved process for the preparation of dichlorophenol from dichloro benzene or trichlorobenzene which comprises adding dichlorobenzene or trichlorobenzene to an anhydrous mixture of a hydroxy amine of the formula NR¹ R² R³ where R¹ is hydrogen or CH₂ CH₂ OH, R² & R³ are CH₂ CH₂ OH and an alkali and heating the mixture to the reflux temperature, cooling the reaction mixture and acidifying to get dichlorophenol, if required purifying the same by known methods such as here in described.

Complete specn. 9 pages Drg. Nil

Ind. Cl. : 55E2 + E4[XIX(1)] 173534

Int. Cl. : A61 K-33/22.

AN IMPROVED PROCESS FOR THE MANUFACTURE OF THE EXTRACT FROM THE AYURVEDIC MEDICINAL PLANT JATAMANSI ("NARDOSTACHYS" JATAMANSI).

Applicants : M/S J. B. CHEMICALS & PHARMACEUTICALS LTD, NEELAM CENTRE, 'B' WING, WORLI, MUMBAI-400025, MAHARASHTRA (INDIA).

Inventors: (1) SHIRISH BHAGWANLAL MODY
(2) PRANAB DINESH MODY
(3) DR. SHASHIKANT AVANTILAL VASAVADA.

Application No. 431/Bom/94 filed on 31-08-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1971) Patent Office Branch, Mumbai-400 013.

4 Claims

An improved process for the manufacturing of therapeutically effective extract from the Ayurvedic Medicinal Plant, "JATAMANSI (Nardostachys Jatamansi) used for the treatment of various disorders like hysteria, convulsions and palpitation of heart, it is also used as sedative, it is used in high blood pressure and cardiac arrhythmias, in hair care preparation for promoting hair growth comprising of the rhizome of the said plant "Jatamansi" is graded shredded and powdered in a hammer mill, the powdered plant is extracted with the extracting solvent in a stainless steel jacketed vessel (304) by the kinetic maceration and extraction process as herein described above, at a temperature the extract obtained is filtered in a stainless steel sparkler filter, mixed, concentrated to thick paste in a thin film vaporiser under reduced pressure at a temperature ranging between 40°-55°C, spray dried, if desired to obtained dry powder extract, the volatile oil in the extract is collected along with the distillata and separated.

Complete specn. 11 pages

Drg. Nil.

Ind. CL. : 55E2+E4

178535

Int. CL. : C07C, 43/257.

A NOVEL PROCESS FOR THE MANUFACTURE OF 4-[2-HYDROXY-3 O(1-METHYL-ETHYL) AMINLO] PROPOXY.

BENZENE PROPANOIC ACID.

METHYL ESTER AND ITS ACID ADDITION SALTS FROM A NOVEL SOURCE.

Applicants : UNICHEM LABORATORIES LTD, UNICHEM BHAVAN, SWAMI VIVEKANAND ROAD JOGESHWARI (WEST) BOMBAY-400102, MAHARASHTRA, INDIA.

Application No. 623/Bom /1994 filed Dec. 26, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

4 Claims

A novel process of manufacture of 4[2-Hydroxy-3 O(1-methylethyl) amino] propoxybenzenepropanoic acid methyl ester and its acid addition salts comprising the steps of methyl 3-(4-hydroxy phenyl)- propionate, anhydrous potassium carbonate and 1, 3-dichloro-2-hydroxy propane in the molar ratio of (1 : 2 : 3) is reacted in a (solvent acetone at reflux for 24 hours, the reaction mixture is filtered and the solvent distilled off, the residue is dissolved in toluene and washed with alkali, water and dried over anhydrous magnesium sulphate filtered and concentrated to afford monochloro derivative which is further distilled under high vacuum to produce pure chloro compound, the above chloro compound is reacted with isopropylamine dissolved in isopropylalcohol and treated with ethereal hydrogen chloride, remixed recrystallised from a mixture of isopropylalcohol and diisopropyl ether to obtain the title compound of formula I.

Complete specn. 8

pages

Drg.

Nil.

Ind. CL. : 55 D 2

178536

Int. CL. : A01-42/36.

A PROCESS FOR THE PREPARATION OF THE HERBICIDE METHYL-2-(3-C4 METHOXY-6-METHYL-1, 3, 5-TRIAZIN-2YL) UREIDO SULPHONYL) BENZOATE COMMONLY KNOWN AS METSULFURON METHYL.

Applicants : RALLIS INDIA LIMITED, AT RALLI HOUSE, 21 D S MARG, BOMBAY-400001, MAHARASHTRA, INDIA,

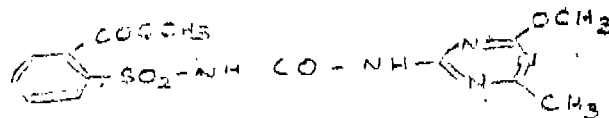
Inventors : (1) ARUN SHRIKRISHNA AGNIHOTRI
(2) DR RAJEEV SADSHIV DESHPANDE
(3) DR. BIRJA SHANKER.

Application No. 111/Bom/95 filed on 10-03-95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

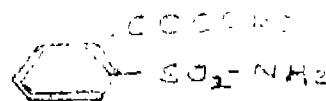
5 Claims

A process for the preparation of the herbicide methyl 2-(3-(4-methoxy-6-methyl-1, 3, 5-triazin-2-yl) ureido-sulphonyl) benzate commonly known as metsulfuronmethyl of the formula I :



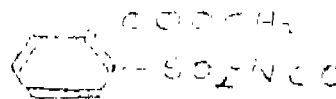
Formula I

which comprises reacting 2-methoxy carbonyl benzene sulphonamida of the formula II :



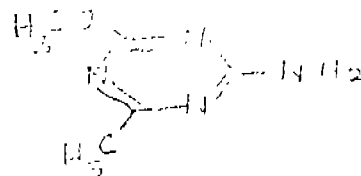
Formula II

with oxalyl chloride in the presence of a halogenated hydrocarbon solvent and alkyl isocyanate and cyclic tertiary amine catalysts in an inert atmosphere such as nitrogen at 100-150°C to give 2-methoxy carbonyl benzene sulphonyl isocyanate of the formula III :



Formula III

and condensing the compound of the formula III with 2-amino-4-methoxy-6-methyl-1, 3, 5-triazine of the formula IV :



Formula IV

in the presence of a halogenated hydrocarbon solvent and a cyclic-tertiary amine catalyst in an inert atmosphere such as nitrogen at 50-70°C to give the compound of the formula I.

Complete specn. 11

pages

Drg.

Nil.

Ind Cl. 83 B 5 178537

Int .Cl. : A 23 L—1/068, 1/222.

A METHOD OF MAKING A NEW SALAD DRESSING,

Applicants & Inventors :

- (1) DR. NEETA SARAIYA OF 7, HIRAKUNJ, AAREY ROAD, GOREGAON (W), BOMBAY-400 062, MAHARASHTRA, INDIA.

AND

- (2) DR. MOHAN DEWAN, OF 78, PODAR CHAMBERS, S.A. BRELVI ROAD PORT, BOMBAY-400 001, MAHARASHTRA, INDIA.

Application No. 142/Bom/95 filed on 29-3-95".

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

3 Claims

A method of making a new salad dressing which comprises straining the juice of fresh/frozen citrus fruits, such as, Oranges or Sweetlime :

adding to the juice seeds of pomegranate to the extent of 10 to 20 per cent of the mass of juice;

blending common salt and pepper in the ratio of 1 to 2 per cent of the mass of juice into salad oil in the ratio of 5 to 8 per cent, of mass of Juice together; and

adding the mixture of salad oil, salt and pepper to the mixture; of juice and pomegranate seeds.

Complete specn. 5 pages

Drgs Nil.

Ind. Cl. : 55 D 2

178538

Int. Cl. : C07 C—121/73.

A PROCESS FOR THE PREPARATION OF THE INSECTICIDAL ENANTIOMERIC MIXTURE OF (S)- ϵ -CYANO-3-PHENOXYBENZYL-(Z)-(1R)-CIS-3-(2-CHLORO-3, 3-TRIFLUOROPROPENYL)-2, 2-DIMETHYL CYCLOPROPANE CARBOXYLATE AND (R)- ϵ -CYANO-3-PHFNOXYBENZYL(Z)-(1S)-CIS-3-(2-CHLORO-3, 3, -3 TRIFLUOROPROPENYL)-2, 2-DIMETHYL CYCLOPROPANE CARBOXYLATE, COMMONLY KNOWN AS LAMBDA CYHALOTHRIN.

Applicants : RALLIES INDIA LIMITED, AT RALLI HOUSE, 21 D S MARG, BOMBAY-400 001 MAHARASHTRA, INDIA.

- Inventors :
- (1) MAKARAND MAHADEO PATANKAR,
 - (2) SHEKHAR VISHWANATH KHADILKAR,
 - (3) DR. RAJEEV SADASHIV DESHPANDE.
 - (4) DR. BIRJA SHANKER.

Application No. : 263/Bom/95 filed on 12-06-95.

Appropriate Office for Opposition Proceedings(Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

3 Claims

A process for the preparation of the insecticidal enantiomeric mixture of (S)- ϵ -cytino-3-phenoxybenzyl-(Z)-(1R)-cw-3-(2-clfj6ro-3, 3, 3-trifiuoropropenyl)-2, -dlmethyl cyclopropane carboxylate and (R)- ϵ -cyano-3-pheno^y-banzyl-(Z)-(1S)-cis-3 (2-chloro-3, 3, 3-trifluoropropenyl)-2, 2-dinirthyl cyclopropane carboxylate, commonly known as lambda cyhalothrin by epimerisation crystallisation of cyhalothrin in an alcohol in the presence of 1, 4-diazabicyclo (2, 2, 2) octane (DA BCO) with pure crystals of said enantiomeric mixture as seeding agent 20° to 0°C.

(Complete Specifclcaton : 6 pages, Drawing: Nil)

Ind. Cl. : 83'

A1

178539

Int. Cl. : A 23 L—1/00

PPROCESS FOR MAKING FRUIT AND/OR VEGETABLE GRANULES.

Applicant & Inventor: DILIP SHANTARAM DAHANUKAR, INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Application No. 409/Bom/95 filed on 18-9-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

4 Claims

Process for making fruit and/or vegetable granules comprises the steps of pasteurizing admixture of fruits and vegetables in an autoclave or pressure vessel to soften and brine out therefrom entrapped natural vitamins, sugars, minerals and the like health giving ingredients; making said pasteurized vegetables/fruits into a pulp and removing residual moisture therefrom by heating to form into a thick slurry ; admixing said slurry, with binding agents such as skimmed milk powder, sugar or the like sweetener to form a dough-like ball passing said dough-like ball through a granulator for making granules of desired size before oven drying at temp. <=65 deg. C and allowing oven dried granules to cool down to ambient temperature before packing and sealing in air tight plastic pouches or bottles.

Compl. Specn. 8

pages;

Drgn. Nil

Ind. Cl. : 32 E

178540

Int; CL : C08F— 220/02, 220/10

AMPICILLOIC ACID-CROSSLINKED MACROPOROUS GYCIDYL COPOLYMER: AN AFFINITY CHROMATOGRAPHY MATRIX USEFUL FOR PURIFICATION OF PENICILLINASE.

Applicant : HINDUSTAN ANTIBIOTICS 'LIMITED PIMPRI, PUNE-411018 MAHARASHTRA, INDIA.

Inventors: (1) MR. KAMALESH KRISHNDAS KUMAR (1) MR. BHAGWANT SHAMRAO DESPANDE (3) MISS SUDHA SRIDHAR AMBEDKAR (4) DR. JAIPRAKASH GANPATRAO SHEWALE.

Application No. 533/Bom/95 filed on 20-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch. Mumbai-400 013.

2 Claims

A process for preparation of ampiciloic acid-cross linked macroporous glycidyl copolymer useful as affinity chromatography matrix for purification, of penicillinase which comprises of suspending the crosslinked glycidyl macroporous copolymer prepared in a known manner as described herein adding to this the ampicilin solution in phosphate buffer solution having molarity of 0.1 and PH of 7.5 adjusting the PH of the resultant suspension to 8.5 with sodium hydroxide solution, incubating the suspension on a rotary shaker at 100 rpm and 28°C for 72 hours, decanting the supernatant, adding the sodium hydroxide solution having PH of 10.5, incubating the suspension on a rotary shaker at 100 nrm and 28°C for 1 hour and washing the beads as herein described.

Compl. Specn. 8

pages

Drgn. Nil.

Ind. Cl. : 44

178541

Int. Cl. : G 04 B 29/00, 29/02, 29/04

A 44 C 5/14

A COMPONENT OF PLASTICS WITH A BASE BODY FOR A WATCH HOUSING OF PLASTICS WITH RECEIVING ARRANGEMENT FOR A DISPLAY DEVICE.

Applicant: HAT ENTWICKLUNGSGESELLSCHAFT
M.B.H. OF HIRSCHSTRASSE 5, A-9020 KLAGENFURT,
AUSTRIA.

Inventor: PAINSITH HERMANN.

Application No. 461/Cal/92 filed on 29th June, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

40 Claims

A component (6) of plastics with a base body (7) for a watch housing of plastics with receiving arrangements for a display device and a drive device and/or energy source and if necessary with a protective cover (8) characterised in that the base body (7) is constructed as a sandwich component (52) with at least one cover lay (22) at least in the region of one surface is provided with a print or respectively design layer (55),

Compl Specn. 60 pages

Drgs. 7 sheets

Cl: 108 C 3

178542

Int. Cl⁴ C 21 C 1/02

PROCESS FOR THE DESULPHURIZATION TREATMENT OF PIG IRON MELTS,

Applicant : THYSSEN STAHL AG. OF KAISER-WILHELMSTR, 100, D-4100 DUISBURG, GERMANY.

Inventors : 1. KARL-HEINZ ABELE 2. HEINZ VAN DEN BOOM i. DR. ALFRED ENDER 4. ECKART HEES, 5., WALTER MEICHSNER.

Application No. 597/Cal/1992 filed on 18h August, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

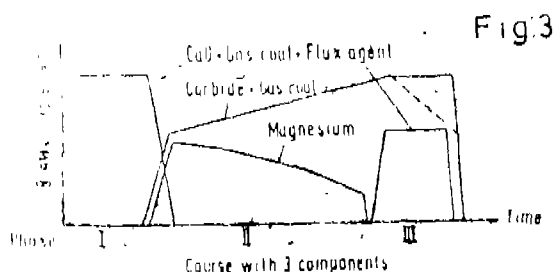
19 Claims

A process for producing desulphurized pig iron mels by metallurgical treatment of pig iron melts in container, more particularly a transfer ladle, which have an acid oxidized initial slug, by the injection of fine-grained solids into the melt after the removal of an acid oxidized initial slag with a carrier gas via an injection lance, characterised in that, the treatment is preformed in three phases as follows .

(a) in the initial phase deoxidizing compound and if desired lime containing and gas generating solids are injected that deoxidize the initial slag and increase its basicity and also produce a circulatory movement of the melt,

(b) in the middle phase desulphurization agents are selected from calcium and magnesium compounds, are injected for the main desulphurization, and

(c) in the final phase solids such as calcium are injected that purify the melt and produce a final desulphurization and also so influence the desulphurization slag formed that its content of iron granules is low.



Compl. Specn. 30 pages Drgs 1 sheet

Cl. : 127 A.

178543

Int. Cl⁴ : F 16 D 43/22.

"AN AUTOMATIC CLUTCH CONTROLLER."

Applicant : EATON CORPORATION, AT 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA.

Inventor : JAMES MELVIN SLICKER.

Application No. 708/Cal/92; filed on 29-09-1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An automatic clutch controller for a friction clutch 20 having an input shaft connected to an engine 10 and an output shaft connected to the transmission input shaft 25, and at least one inertially-loaded traction wheel 51 connected to the transmission input shaft having a torsional compliance exhibiting an oscillatory response to torque inputs, the automatic clutch controller comprising an engine speed sensor 13 connected to the engine for generating an engine speed signal corresponding to the rotational speed of the engine, a transmission input speed sensor 31 connected to the transmission input shaft for generating a transmission input speed signal corresponding to the rotational speed of the transmission input shaft, a clutch actuator 27 connected to the friction clutch from disengaged to fully engaged according to a clutch engagement signal, and a clutch actuator controlling unit 64—69 wherein the automatic clutch controller is characterized by a reference speed generator 61—63 coupled to the engine speed signal for generating a reference speed signal, and the clutch actuator controlling unit 64—69 is connected to the reference speeds generator 61—63, the transmission input speed sensor 31 and the clutch actuator 27 and algebraic summer 64 connected, to the reference speed generator 61—63 and the transmission input speed sensor 31 forming an algebraic sum signal corresponding to the difference between (a) the reference speed, signal and (b) the transmission input speed signal, and a compensator 65 connected to the first algebraic summer 64, for generating a clutch engagement signal from the algebraic sum signal for supply to the clutch actuator 27 for engaging, the friction clutch 20 in a manner causing the transmission input speed signal to asymptotically approach the reference speed signal.

Compl. specn. 29 pages

Drgs.

3 sheets

Cl. : 14

D₂

178544

Int. Cl⁴ : A 61 B 05/04.

"A STRUCTURE TO DEPOLARIZE PRE-GELLED ELECTRODES".

Applicant : BIOFIELD CORPORATION, OF 461 FIFTH AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : STEVEN HANN & MARK L. FAUPEL.

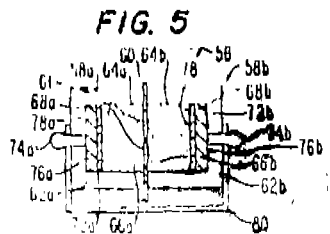
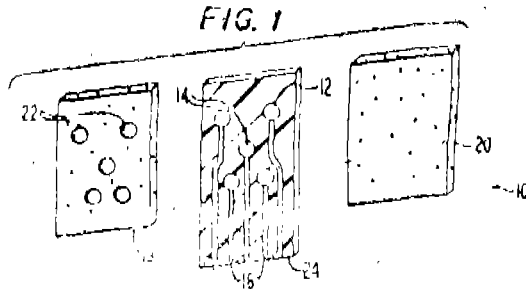
Application No. 832/Cal/92, filed on 12-11-92.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A structure to depolarize pre-gelled electrodes, prior to use, suitable for storage and shipment, comprising a first electrode unit (58a) having a first support (62a), first electrode(s) (72a) for sensing bipotentials mounted upon said, first support, first electrical lead(s) (74a) connected to said first electrode(s) for conducting a potential from said first electrode(s), and first electrolyte gel (68a) mounted in contact with said first electrode(s) but spaced from said first electrical lead(s), and a second electrode unit (58b) having a second support (62b), second electrode(s) (72b) mounted upon said second support, second electrolyte gel (68b) mounted in contact with said second electrode(s), second electrical lead(s) (74b) connected to said second electrode(s) for conducting a potential

from said second electrode(s). characterised in that mounting means (60) is provided to mount said first and second electrode units (58a, 58b) in electrical contact with the first electrolyte gel (68a) of said first electrode unit and in electrical contact with the second electrolyte gel (68b) of said second electrode unit, and that an electrical short circuit conductor is removably mounted in contact with the electrical leads (74a, 74b) of said first and second electrode units to provide a short circuit connection therebetween, said electrical short circuit conductor being constituted by electrically conductive means (80) in contact with said electrolyte gels and said leads of the electrode units and extending therebetween to provide a short circuit connection, at least a portion of said electrically conductive means being removably mounted so as to break said short circuit connection upon the removal thereof.



Compl. specn. 18 pages Drg. 1 sheet

Cl. : 190 B. C 178545
Int. Cl⁴ : F 02 C 5/04, 6/02, 3/073.

"COMBUSTION GAS TURBINE USING EXCESS COMPRESSED AIR COMBUTING ADDITIONAL FUEL".

Applicant : FLUOR CORPORATION, 3551, MICHELSON DRIVE IRVINE, CALIFORNIA 92370. U.S.A.

Inventors : JAMES HOUGHTON & DIETER GERHARD LAMPRECHT.

Application No. 849/Cal/1992 filed on 23rd November, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1992) Patent Office, Calcutta.

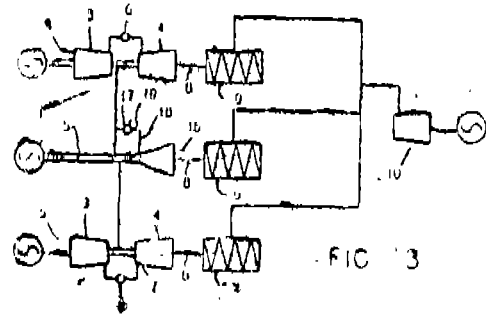
3 Claims

An improved combustion gas turbine with a paired compressor 3 and expander 4 producing excess compressed air when burning a low caloric value fuel in lieu of high caloric value fuel; the improvement being characterised by adding additional fuel to the said excess compressed air and then expanding the combusted fuel to produce useful work, the improvement comprising a device consisting of :

means 15 for extracting the said excess compressed air from the paired compressor 3 to the combustor 17

combustor 17 where the excess air being first combined with additional fuel and then burned;

A non paired expander, 16 with an inlet 18 which is being powered by the hot flue gas received from the combustor 17,



Compl. specn. 12 pages

Drg. 1 sheet

Cl. : 102 D 178546
Int. Cl⁴ : F 03 B 13/08.

"A HYDROELECTRIC INSTALLATION".

Applicant : HITACHI LTD., OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU, TOKYO 101, JAPAN.

Inventors : 1. TETUO FUJIHARA, 2. FUMINORI IWAKI, 3. HITOSHI ICHIKAWA, 4. TAKASHI ITO.

Application No. 142/Cal/1993 filed on 10th March, 1993.

Appropriate Office, for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

6 Claims

A hydroelectric installation in which an electric machine (2) is installed above a hydraulic machine (1) in an installation pit (3).

the hydraulic machine (1) comprising a runner (10) connected to a rotor (22) of the electric machine (2) by an upright shaft (21),

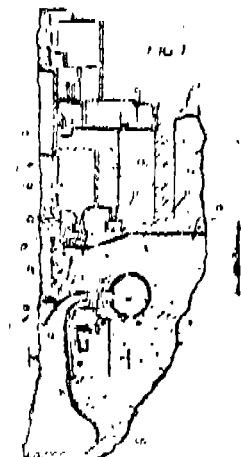
an upper cover (6) and a lower cover (7) between which the runner (10) is rotatable.

a guide vane assembly (11) for controlling water flow between the upper and lower covers (6, 7) from a spiral case (91), and

an operating unit (12) for operating guide vanes (11) of the guide vane assembly (11), the operating unit (12) extending downwardly of the lower cover (7) of the hydraulic machine (1) into a lower assembly space (5) for the hydraulic machine,

characterised in that

the shaft (21) bears downwardly onto the tipper cover (6) of the hydraulic machine (1) through a thrust bearing (26),



(Compl. Specn. : 19 pages; Drgs. : 11 Sheets)

Cl. : 134 A.

178547

Int. Cl. : B 21 D 47/00, F 23 Q 11/08.

"METAL HONEYCOMB BODY OF INTERTWINED SHEET-METAL, LAYERS, AND A METHOD FOR ITS PRODUCTION".

Applicant : EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, W-5204 LOHMAR 1, GERMANY, A GERMAN COMPANY.

Inventors : (1) MAUS WOLFGANG,
(2) SWARS HELMUT,
(3) BRUCK ROLF,
(4) HUMPOLIK BOHUMIL.

Application No. : 357/Cal/1993 filed on 24-06-1993.

Appropriate Office for Opposition Proceedings Rule 4 Patent Rule, 1972) Patent Office, Calcutta.

42 Claims

A metal honeycomb body, comprising a jacket member defining an interior with a substantially annular inner region and a substantially annular outer region, at least, partly structure sheet-metal layers disposed in said interior, characterized in that, sheet-metal layers are wrapped around one another and extend alternately back and forth in a curved fashion between said outer annular region and said inner annular region, forming thereby loops of sheet-metal layers and at least three reversal lines are defined in mid outer annular region, said sheet-metal layers being intertwined about said at least three reversal lines.



FIG 1

(Compl. Specn. : 45 Pages Drgn. : 13 Sheets)

Cl. : 153, 129 G

178548

Int. Cl. : B 24 B, 51/00.

"NUMERICALLY CONTROLLED GRINDING MACHINE FOR GRINDING PREFERABLY METALLIC WORKPIECES, IN PARTICULAR, TOOLS."

Applicant : WALTER AG., OF DERENDINGER STR. 53, W-7400 TUBINGEN, GERMANY.

Inventors : (1) HANS-JOACHIM HELLE &
(2) ADOLF NILL.

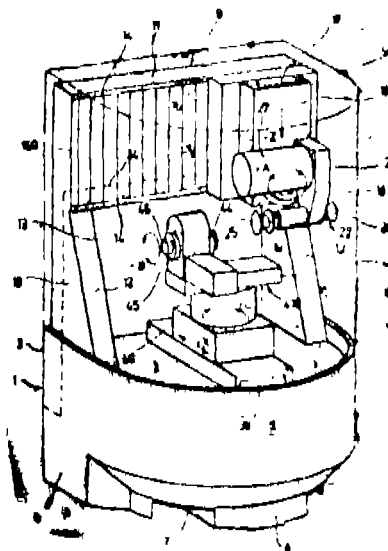
Application No. : 209/Cal/1993 filed on 12th April, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patents Office, Calcutta.

20 Claims

Numerically controlled grinding machine for grinding preferably metallic workpieces, in particular, tools, comprising a machine bed a grinding head having at least one driven grinding spindle carrying at its end at least one grinding wheel, said grinding head being adjustable via associated

bearing and guiding means relative to said machine bed at least along two axes standing at right angles to one another, and, in the given circumstances, being pivotable about at least one axis and a workpiece carrier arranged on said machine bed in the range of action of said grinding wheel(s) of said grinding spindle carrier and mounted for adjustment at least along one axis, program-controlled adjusting devices being associated with said grinding spindle carrier and/or said workpiece carrier for imparting to it adjusting movements in the form of longitudinal and rotational movements, respectively, with respect to the individual axes, characterized in that a rigid, distortion-free portal (9) is fixedly connected to said machine bed (1) and has two side stands (10) and a horizontal bridge (11) which extends at a distance above said machine bed (1) and on which said grinding spindle carrier (20) is mounted for adjustment along a first axis (-y), and in that said machine bed (1) is designed so as to project at one side from said portal (9).



(Compl. Specn. : 22 pages. Drgns: 3 Sheets)

Cl. : 23 E, H

178449

Int. Cl. : B 65 B, 7/06, B 65 D, 1/02

"TOP GRIPPING BOTTLE ENGAGING DEVICE".

Applicant : THE MEAD CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, COURTHOUSE PLAZA, NORTHEAST, PAYTON, OHIO 45463, U.S.A.

Inventor : ABLON BATES.

Application No. 580/Cal/1993 filed on 30th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patents Office, Calcutta.

8 Claims

A top gripping bottle engaging device for gripping a plurality of bottles at bottle necks thereof, said device comprising :

a main panel having opposed side edges and a plurality of bottle neck receiving apertures formed therein;

an auxiliary panel foldably joined to one of said side edges of said main panel and having a plurality of bottle neck receiving apertures formed therein;

a connector panel foldably joined along one of opposed side edges thereof to the other side edge of said main panel;

a stabilizing panel foldably joined along one of opposed side edges thereof to the other side edge of said connector panel and having a plurality of bottle neck receiving apertures formed therein.

areas formed along the other side edge of said stabilizing panel, said stabilizing and auxiliary panels being disposed in mutually superposed relation such that said main, auxiliary, connector and stabilizing panels form a tubular structure of a generally triangular cross section including a composite top wall formed from, said stabilizing and auxiliary panels and such that said cutaway areas cooperate with said apertures of said auxiliary panel to cause said composite top wall to engage said bottle necks, and

means for maintaining said device in a tubular assembled condition.

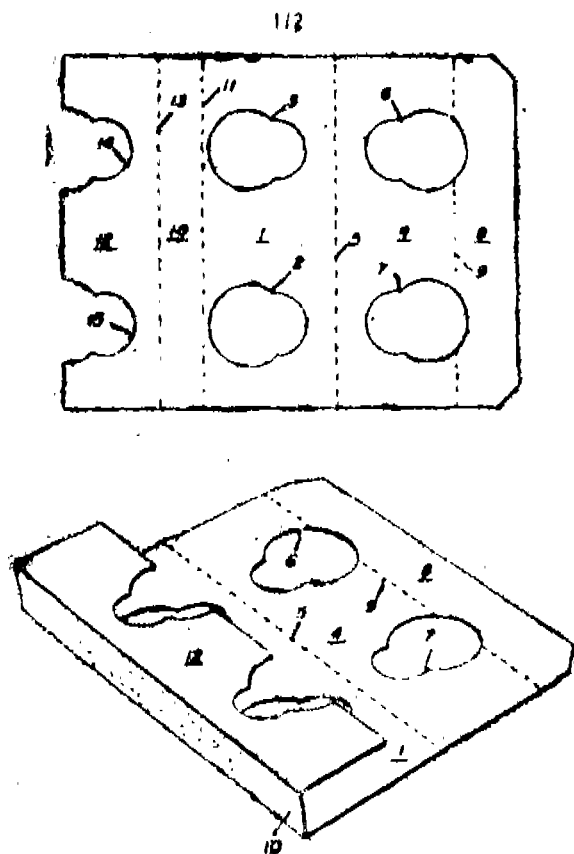


FIG. 2

Compl. Specn- 6 pages;

Drgns. 2 sheets.

Cl. 129 G.

178550

Int. Cl.⁴ B 16 D, 1/12.

ROTARY METAL CUTTING TOOL.

Applicant . HYDRA TOOLS INTERNATIONAL PLC.
OF HYDRA WORKS, ECCELESFIESLD. SHEFFIELD S
30 32 F, ENGLAND.

Inventor : PAUL ADRIAN REYNOLDS.

Application No. 0133/Cal/1994 filed on 7th March, 1994.

(Convention Application No. 9304838.7, on 9th March.
1993. in G.B)

Appropriate Office for Opposition Proceedings (Rule 4,
Patent Rule 1972), Patent Office, Calcutta.

09 Claims.

A rotary metal cutting tool comprising;

- (1) an elongate body having at one end a tank adapted to be damped in a machine tool and a cutting head provided at the other end of the body;

(ii) at least one channel provided in the head to receive a cutter blade;

(iii) a recess in the body;

(iv) at least one clamping cottar located in the recess and serving to clamp the blade, by wedge action, against a seating surface of the channel by means of a clamping face of the cottar engaging an opposite face of the blade to that engaging the seating surface;

(v) means to urge the cottar into wedge clamping engagement with the blade;

(vi) the recess and cottar each having at least one flat to prevent cottar rotation; and

(vii) the clamping cottar having a clamping surface of extended length terminating with the lower end face of the cutting head.

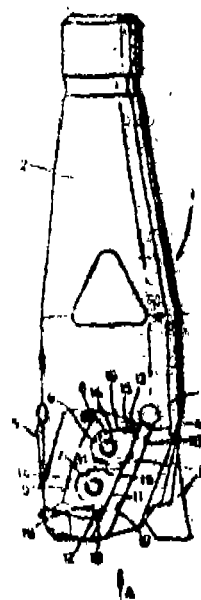


Fig. 1

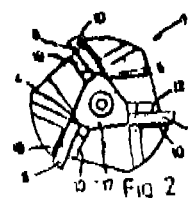


Fig. 2

Comp. Specn. 7

pages.

Drawing 1 sheet-

AMENDMENT PROCEEDINGS UNDER SECTION-57

Notice is hereby given that ASTRA TECH AK1TIEBQ-LAG (formerly known as ASTRA MEDITEC AB) has nutdb an application on Form-29 under Section of 57 of The Patents Act, 1970 for amendment of Specification of their application for Patent No. 221/Del/88 (172340) for "Automatic Two-Chamber Injector". The amendments are by way of change of name from ASTRA MEDITEC AB to ASTRA TECH AKTIEBOLAG, Sweden.

The application for amendment and the proposed amendments can be -iripooted Tree of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Samwatl Mart, Karol Bagh, New Delhi-110005 or copies of the tame can be had on payment of usual copy' tag charged.

Any person interested in opposing the application for amendment must file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Murg, Karol Bagh, New Delhi-110005. If the Written Statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

OPPOSITION PROCEEDINGS

An opposition entered by Bajaj Auto Limited, Pune to the grant of a Patent application No. 170227 (661/Del/86) has been allowed and the application for Patent is refused.

An opposition has been entered by M/s Bajaj Auto Limited, Akurdi, Pune-411035 to the grant of Patent No. 176928 (42/Bom/1993) made, by Mr. Ratan N Vanjani. Ahmedabad-380009, Gujarat.

Persuant to an opposition entered by Procter & Gamble Co. Far East Inc. Japan to the grant of a patent on application for patent No. 176172 (675/Del/89) and the said application having been abandoned, by the applicant. No Patent shall be sealed thereon.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20 (1) of the Patents Act 1970 application No. 657/Del/86 (166687) of PIAGGIO & C.S. P.A. has been allowed to proceed in the name of PIAGGIO VEICOLI EUROPEI S.r.l, Italy.

In pursuance of leave granted under Section 20 (1) of the Patents Act 1970 application No. 715/Del/87 (169134) of Piaggio & C.S.P.A., had been allowed to proceed in the name of Piaggio Vercoli/Europei which in turn has been allowed to proceed in the name of Piaggio Veicli Europei S.p.A., Italy.

In pursuance of leave granted Under Section 20 (1) of the Patents Act, 1970 application No. 927/Del/88 (174241) of Inter Digital Communications Corporation has been allowed to proceed in the name of Inter Digital Technology Corporation, U.S.A.

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 599/Del/89 of Inter Digital Communications Corporation has been allowed to proceed in the name of Inter Digital Technology Corporation, U.S.A.

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 602/Del/89 (176273) of inter Digital Communications Corporation, has been allowed to proceed in the name of Inter Digital Technology Corporation, U.S.A.

In pursuance of leave granted under Section 20 (1) of the Patents Act 1970 application No. 507/Del/90 (177061) of Imperial Chemical Industries Plc. has been allowed to proceed in the name of Zeneca Limited, which in turn now has been allowed to proceed in the name of Monsanto Company, U.S.A.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 160687 granted to Kamal Kishore Modi & Others for an invention relating to "pneumatic machine, for preparing and spraying concrete."

The Patent ceased on the 26th April, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th March, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 10-7-1997 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts, upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167214 granted to Schlumberger Electronics (UK) Ltd for an invention relating to "a weapons training simulator for providing a stimulation of use of a weapon."

The Patent, ceased on the 1st April, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th March, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 10-7-1997 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given, that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 169480 granted to Teroson GmbH for an invention relating to "composition for killing or inhibiting the growth of microorganisms."

The patent ceased on the 7th Oct., 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th March, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents; The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 10-7-1997 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 172091 dated the 30th Sept., 1988 made by Macchi Engenharia Biomedica Ltd. on the 12th July, 1995 and notified in the Gazette of India, Part III, Section 2 dated the 30th September, 1995 has been allowed and the said Patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173173 granted to Vasantdada Sugar Institute for an invention relating to "an improved plant for treatment of spent wash to produce powdered fuel for generating energy with minimum pollution."

The patent ceased on the 2nd May, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th April 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patent. The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 10-7-1997 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice at within one month from the date of the notice.

Notice is hereby given, that an application was made under Section 60 of the Patents Act, 1970 for the restoration, of Patent No. 174304 granted to Macrovision Corporation for an invention relating to "a device for encrypting information signals to prevent unauthorised use thereof".

The Patent ceased on the 9th May, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated, the 12th April, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 10-7-1997 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 174581 granted to UBE Industries Ltd. & Hitachi Ltd. for an invention relating to "a method of producing stabilized oxymethylene copolymer."

The patent, ceased on the 23rd May, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 12th April, 1997.

Any Interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 10-7-1997 under Rule 69 of the Patents Rules, 1972. A written Statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 175222 dated the 7th June, 1989 made by Council of Scientific & Industrial Research on the 13th May, 1996 and notified in the Gazette of India, Part III, Section 2, dated the 27th July, 1996 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 175267 dated the 30th Dec., 1991 made by KSB Pumps Limited on the 7th June, 1996 and notified in Gazette of India Part III, Section 2, dated the 12-10-1996 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 172677 dated the 19th Sept., 1991 made by Gujarat Alkalies & Chemicals Ltd. on the 2nd July, 1996 and notified in the Gazette of India, Part III, Section 2 dated the 26th Oct., 1996 has been allowed and the said patent restored.

RENEWAL FEES PAID

159762 175730 160515 160516 172607 172495 161788 172014
165435 161508 169508 164849 164850 170655 167623 165348
171789 165191 174708 174709 174627 174801 174640 174858
174762 174763 174812 174847 174859 174860 174625 175132
175524 1721*99 172635 172197 163053 164438 169549 164975
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176197 175199 174141 174545 175219 174751 172293 175780
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169739 171691 172861 175938 173717 168177 170773 174253
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173859 172526 171556 176351 170883 161917 164912 167156
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169004 168270 163962 174411

PATENT SEALED ON 11-4-97

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176920 176931 176934*D 176939 176941 176945 176946
176947 176953 176955 176956 176957* 176958 176959*
176969 176982 176984 176990 176991 176995 177000

CAL—06, DEL—01, MUM—21, CHEN—NIL,

*Patent shall be deemed to be endorsed with the words Licence of Right under Section 87 of the Patent Act, 1997 from the date of expiration of three years from the date of sealing

D—Drug Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 172087, Buhler AC, a Swiss company of CH-9240 Uzwil, Switzerland. "Humidification Measurement Device", 2nd September 1996.

Class 1. No. 172088, Buhler AG a Swiss company of CH-9240 Uzwil, Switzerland, "Combimachine", 2nd September 1996.

Class 1. No. 172106, "Buhler AG., a Swiss company of CH-9240, Uzeil Switzerland, "Batch Mixer", 6th September 1996.

Class 1. No. 172209, Buhler AG., a Swiss company of CH-9240; Uzwil, Switzerland, "Rotor Mill", 18th September 1996.

Class 1. No. 171415, Kirloskar Copeland Ltd., a company incorporated under the provisions of Indian companies Act, at Karad Dhebvadi Road, Karad 415110, Maharashtra, India, "Compressor", 1st June 1996,

Class 1. No. 171431, Ummed Singh Surana, an Indian citizen, 48, S. N. Roy Road, Calcutta-38, W. Bengal, India, "Filter", 3rd June 1996

Class 3. Nos. 172377 to 172379. BIC Corporation, a corporation organized and existing under the laws of the State of New York, U.S.A., of 500 BIC Drive, Milford, CT 06460, U.S.A., "Lighter", 16th October 1996.

Class 3. No. 171914, TIP TIO Furniture Pvt Ltd., at Kottakkal 67503. Malappuram district, Kerala, India. "Chair", 1st August 1996.

Class 3. No. 171567, Motorola, Inc a corporation of the State of Delaware of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "Radio Telephone", 19th June 1996.

Class 3. No. 171748, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio, with offices at 1144 East Market Street, Akron, Ohio 44316-0001, U.S.A.. "Tyre Tread", 10th July 1996.

Class 3. No. 171506, Braun Aktiengesellschaft, a German Company of Frankfurt (main), Bundesrepublik Deutschland, Germany, "Hand Held Electric Mixer", 13th Juno 1996.

Class 10. No. 171885, Amit Plastic of 39/3, Tota Ka Tal, Lohamandi, Agra (U.P.), India, an Indian sole proprietary concern, "Sole of Footwear", 26th July 1998.

T. R. SUBBAKANIAN

Controller General of Patent
Design & Trade Marks